Louis Laramée

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Developer - Architect

Profile

With more than 2 decades of experience in software development, I focus on designing and delivering solutions with simplicity and robustness. I combine hands-on development with strong leadership to build long-lasting systems that deliver value using modern cloud technologies.

Skills

- C#, Java, Go, NET/.NET Core, Spring, Angular, TypeScript, HTML, JSON, REST, SQL.
- AWS, Azure, Docker, Kubernetes, MS SQL Server, MySQL, NoSQL, Kafka, Git.
- Backend, frontend, DevOps, distributed systems, agile development, Scrum, team management.

Experience

Senior Solution Designer — **National Bank of Canada** — *Montréal, CA* — 2022-present

Modernized applications and migrated assets to the cloud for the Wealth Management brokerage division, administering $650B in assets, using **.NET, Java, AWS, Kubernetes, Terraform,** and **SQL Server** to enhance technology stacks, security, and integrations.

Led the development and deployment of business process modules and APIs to support the client trading platform and integrate with third-party wealth management providers using **Java, Spring, React, Kubernetes, Kafka, Jenkins,** and **AWS**.

Senior Developer — **Adaptive Financial Consulting** — *Montréal, CA; NYC, US* — 2021-2022

Collaborated on the development of an end-to-end management solution for public-sponsored state savings plans at one of the world's largest custodian banks, using .**NET, Angular, SQL Server, Cosmos DB,** and **Azure**.

Senior Backend Developer — **Akinox Solutions** — *Montréal, CA* — 2020-2021

Led the development of Quebec's COVID-19 response platform for 8M+ residents, collaborating on automated patient pairing, lab result aggregation for new cases, and system performance and scalability enhancements, using **.NET Core, React, MS SQL Server, Hangfire,** and **Azure**.

Solution Architect — **iA Private Wealth** — *Montréal, CA* — 2018-2019

Architected and developed an internal management system for back-office operations, including data acquisition, operations management, third-party reconciliation, and Book of Record entries, for an organization with over $50B in assets, using **.NET Core, Angular, MySQL, Kubernetes, Helm, Jenkins,** and **Azure**.

Senior Full Stack Developer — **PSP Investments** — *Montréal, CA* — 2016-2018

Designed and led the development of a system that calculates long-term capital market assumptions, aggregates financial data from multiple sources, and serves as the primary reference for corporate investment strategies of PSP, managing over $160B in assets, using **C#, Angular,** and **MS SQL Server**.

Solution Architect — **Fiera Capital Corporation** — *Montréal, CA* — 2013-2016

Defined and led the development of an internal financial and management software suite, including modules for financial transactions, compliance, onboarding, internal operations, and third-party system integrations, for an organization managing over $100B in assets, using **C#, ASP.NET MVC, jQuery, MS SQL Server, Couchbase, TeamCity,** and **Octopus Deploy**.

Senior Full Stack Developer — **Hydro-Québec** — *Montréal, CA* — 2011-2013

Developed financial systems to enhance functionality and meet new requirements for the world's 4th largest hydropower producer, including an EDI-based fund management system, accounting reconciliation modules, and data acquisition tools, using **.NET, ASP.NET, Telerik,** and **MS SQL Server**.

| Solution Architect | **Commission de la construction du Québec** | *Montréal, CA* | 2009-2011 |

Defined and implemented the reference architecture for IT projects, including business management and financial systems, while advising senior management, using **C#, ASP.NET,** and **MS SQL Server**, for Quebec's construction industry regulator with 100K+ active members.

| Developer | **Caisse de dépôt et placement du Québec** | *Montréal, CA* | 2007-2009 |

Developed financial decision support systems, leading projects like FX order management, CI/CD for 25+ applications, and risk management, using **C#, ASP.NET, MS SQL Server,** and **CruiseControl.NET**, for an organization with $120B+ in assets.

| Software Engineer | **Diverse organizations** | *Montréal, CA* | 2001-2007 |

Developed power supply management components for **Hydro-Québec** (2004-2007); 21 CMS-based websites for **Nexxlink** (2003-2004); a product management application for **Ryma Technologies Solutions** (2001-2003); and product test applications for **Nortel Networks** (2001). Technologies used include **C#, ASP.NET, MS CMS, MS SQL Server,** and **Delph**i.

Education

| Bachelor of Electrical Engineering | **Université de Sherbrooke** | *Sherbrooke, CA* | 2000 |